

**These are the Draft Plans of Emission Reduction Strategies for the Lower Savannah Region submitted for the  
December 10, 2003 Early Action Compact Milestone.**

Early Action Compact Milestone – December 10, 2003  
Draft Plan of Emission Reduction Strategies

Aiken County

Based on stakeholder consultation and taking into consideration resource and political constraints, the following control measures under consideration can be reasonably implemented. It is anticipated these measures under consideration will assist Aiken County in achieving and/or maintaining the 8-hour ozone standard by 2007.

Measure under Consideration	Description of measure (A more detailed description will be included in the Early Action Plan.)	Estimate of emission reductions (if available)	Proposed date for implementation	Geographic area and/or local government
Air Quality Contact	One person will be identified as the Air Quality Contact for Aiken County. At a minimum, this contact will be responsible for ozone education/outreach and dissemination of ozone forecast. Each participating industry and municipality will also have an Air Quality Contact	Not available	March 2003	Countywide
Support state-wide efforts	Aiken County will support the efforts of SC DHEC regarding statewide emission reduction strategies.	Not available	When Available	Countywide
Alternative Fuels	<ul style="list-style-type: none"> <li>- Switch Aiken County Transit Fleet to Bio-diesel.</li> <li>- Convert SCE&amp;G Power Plant from Coal Burning to Gas Turbine Generators.</li> <li>- Switch diesel vehicles to bio-diesel.</li> </ul>	Not available Not available	<ul style="list-style-type: none"> <li>- June 2002</li> <li>- 2002</li> </ul>	<ul style="list-style-type: none"> <li>- Transit service area</li> <li>- SCE&amp;G Aiken Power Plant</li> <li>- Aiken County Industries</li> </ul>
Type II Fuels	Use low-sulfur Type II fuels in all vehicles	Not Available	When Available in Aiken County	Countywide
Community Awareness and Education	Promote the Aiken County Early Action Plan at meetings where the public is invited. Issue press releases to the local media. SCE&G is promoting an energy conservation awareness program.	Not available	July 2003	Countywide

Commuter Choice Program	Promote transit as a mode of transportation to get to the workplace through employer incentives.	Not Available	May 2003	Transit Service Area
Intelligent Transportation Systems	Install ITS equipment along major routes within the urbanized portion of Aiken County that follows the guidelines of our Advanced Traffic Management System Master Plan.	Not Available	Master Plan completed May 2002.  Equipment installation post FY2007.	Urbanized area of Aiken County
Promote Multi-modal Land Use	Revise ordinances to promote bicycle and pedestrian facilities and establish minimum tree planting requirements.	Not Available	Aiken County ordinance revision started June 2003	Countywide
Open Burning Ordinance	Ban or limit open burning within city limits.	Not Available	Implemented	City of Aiken City of North Augusta
Mid-day Carpooling	Encourage employees to carpool to lunch.	Not Available	2003	Aiken County Industries
Occupancy Sensors	Install workspace occupancy sensors to reduce energy consumption.	Not Available	2003-2004	Aiken County Industries
Reflective Surfaces	Paint exposed surfaces of building with reflective paint to reduce energy consumption.	Not Available	2003-2004	Aiken County Industries
High Efficiency Equipment	Purchase Energy Star products when appropriate.	Not Available	2003	Aiken County Aiken County Industries

Allendale County Early Action Compact  
List of Emission Reduction Strategies

Emission Reduction Strategy	Description and analysis of how strategy will be implemented	Estimate of emission reductions (if available)	Date for implementation	Resource Concerns/ Constraints	Geographic area and/or local government
Air Quality Contact	One person will be identified as the Air Quality Contact. At a minimum, this contact will be responsible for ozone education/outreach and dissemination of ozone forecast.	<i>Not available</i>	March 2003	County wide	Air Quality Contact

Support state-wide efforts	Allendale County will support the efforts of SC DHEC regarding state-wide emission reduction strategies.	Not available		County wide	Support state-wide efforts
Measures taken to present	Allendale County Emergency Management Agency distributed to all county employees, information about Air Quality basics and protective measures.		Completed on May 20, 2003.	Allendale County Government	Measures taken to present

Bamberg County Early Action Compact  
List of Emission Reduction Strategies

Emission Reduction Strategy	Description and analysis of how strategy will be implemented	Estimate of emission reductions (if available)	Date for implementation	Resource Concerns/ Constraints	Geographic area and/or local government
Air Quality Contact	One person will be identified as the Air Quality Contact. At a minimum, this contact will be responsible for ozone education/outreach and dissemination of ozone forecast.	<i>Not available</i>	March 2003	.	County wide
Support state-wide emission reduction efforts	Bamberg County will support the efforts of SC DHEC regarding state-wide emission reduction strategies	Not available	Upon implementation by state		County wide

Barnwell County Early Action Compact  
List of Emission Reduction Strategies

Barnwell County

Based on stakeholder consultation and taking into consideration resource and political constraints, the following control measures under consideration can be reasonably implemented. It is anticipated these measures under consideration will assist Barnwell County in achieving and/or maintaining the 8-hour ozone standard by 2007.

Measure under Consideration	Description of measure (A more detailed description will be included in the Early Action Plan.)	Estimate of emission reductions (if available)	Proposed date for implementation	Geographic area and/or local government
Air Quality Contact	<p>During the peak Ozone months Barnwell County will have a designated Ozone Action Coordinator (OAC). His\her responsibility will be to monitor Ozone Forecast and implement Ozone Reduction Action Plan. High Ozone Alerts will be available from local television and radio news/weather broadcast and E-mail alerts from DHEC. Barnwell County will form a county ozone committee, consisting of all county department heads, to develop and implement a countywide Ozone Reduction Action Plan.</p> <p>Actions may include:</p> <p>Stricter fuel conversation measures  Restrict or change time of landscaping and lawn mowing equipment  Restrict unnecessary use of on-road vehicle usage  Encourage employees to eat lunch in-house  Restrict using cleaning chemicals and non-latex paint  Employ stricter building conservation measures  Promote and encourage car-pooling</p>	Not available	2003	County wide
Support state-wide efforts	Barnwell County will support the efforts of SC DHEC regarding state-wide emission reduction strategies.	Not available	Still under review	County wide
Bio-Diesel/ Alternative Fuels:	Barnwell County will be seeking information on Alternative Fuels.	Not available	Still under review	County wide
Reduction of Idling or No-Idle Policy for County Vehicles:	Department Heads will develop and implement inter-departmental plans to reduce or eliminate idling times on vehicles and ground maintenance equipment. This policy will contain stricter guidelines for use during high ozone days.	Not available	Still under review	County wide

Stricter Controls of Illegal/ Unauthorized Outdoor Burning:	Barnwell County's Fire Districts, Emergency Services and Sheriff's Department will work in combination with State Agencies to develop this action. This action will focus on issues dealing with illegal burning, tires, plastics, roofing materials and hazardous substances.	Not available	Still under review	County wide
Vehicle Replacement:	Barnwell County's Business Manager will develop a plan to purchase replacement vehicles with a priority on vehicles and equipment with the latest emission reduction standards. Over a five to seven year period our present fleet can be replaced with a cleaner burning and better fuel-efficient fleet.	Not available	Still under review	County wide
Community Awareness and Education:	Enhancing Ozone awareness and education will be a vital part of our Early Action Plan. Aggressive A/E programs to motivate individuals, business, industries and organization to take actions to minimize ozone pollution. A/E will include public speaking, distribution of educational materials and increased media alerts promoting Clean Air Awareness.	Not available	Still under review	County wide
Energy Reduction Plan:	Energy Conservation Plans will be developed that directs county departments to reduce overall yearly energy usage by 5-10 percent per month.	Not available	Still under review	County wide

Early Action Compact Milestone – December 2003  
List of Emission Reduction Strategies Under Consideration

Calhoun County

Based on stakeholder consultation and taking into consideration resource and political constraints, the following control measures under consideration can be reasonably implemented. It is anticipated these measures under consideration will assist <insert county name> in achieving and/or maintaining the 8-hour ozone standard by 2007.

Measure under Consideration	Description of measure (A more detailed description will be included in the Early Action Plan.)	Current assessment of emission reductions	Proposed date for implementation	Geographic area and/or local government
Air Quality Contact	One person will be identified as the Air Quality Contact. At a minimum, this contact will be responsible for ozone education/outreach and dissemination of ozone forecast.	Not available	March 2003	County wide
Support state-wide efforts	<Calhoun County> will support the efforts of SC DHEC regarding state-wide emission reduction strategies.	Not available	August 2003	County wide
Heavy Equipment operation	Delay/Reschedule mowing and motorized construction on Ozone Action Days.	Not available	July 2003	County government
Small Engine operation	Delay/Reschedule landscaping activities with small engine use on Ozone Action Days.	Not available	July 2003	County government
Fueling	Do not 'top off' fuel tanks when refueling.	Not available	July 2003	County government
Buildings	Have employees turn off computers and lights daily.	Not available	July 2003	County government
Painting	Restrict indoor and outdoor painting on Ozone Action Days.	Not available	July 2003	County government
Awareness	Promote employee education/awareness of ozone issues.	Not available	July 2003	County government
Schedules	Change outside employee work hours to accommodate summer temperatures.	Not available	July 2003	County government

## Orangeburg County

Measure under Consideration	Description of measure (A more detailed description will be included in the Early Action Plan.)	Estimate of emission reductions (if available)	Proposed date for implementation	Geographic area and/or local government
Air Quality Contact	One person has been identified as the Air Quality Contact. At a minimum, this contact will be responsible for ozone education/outreach and dissemination of ozone forecast. John H. Smith	Not available	March 2003	County wide
Support state-wide efforts	Orangeburg county will support the efforts of SC DHEC regarding statewide emission reduction strategies.	Not available	Ongoing	County wide
<i>Stakeholder development</i>	<i>Identify and expand the stakeholders for the successful implementation of this program. Initial contact has been made through the county's Local Emergency Planning committee (LEPC)</i>	<i>Not available</i>	<i>June 2003</i>	<i>County wide</i>
<i>Integrate notification procedure</i>	<i>Integrate the notification procedure into existing Notification procedures using organic resources of the Emergency services dept/EOC.</i>	<i>Not available</i>	<i>June 2003</i>	<i>County wide</i>
<i>Public education program</i>	<i>Utilize existing public education programs to include ozone program using organic resources of OES dept and Project Impact program</i>	<i>Not available</i>	<i>July 2003</i>	<i>County-wide</i>
<i>Vehicle operations</i>	<i>Vehicle maint. Department is planning to purchase test alternative fuel vehicles, if results are good County may be able to replace 10% of fleet within Five years</i>	<i>Not available</i>	<i>June 2004</i>	<i>County wide</i>
<i>Vehicle operations tracking</i>	<i>County is installing GPS/vehicle monitors which Will also monitor all engine idling time and Miles driven. Will help identify options to reduce Vehicle idling and unneeded mileage.</i>	<i>Not available</i>	<i>June 2004</i>	<i>County wide</i>